

## **ABSTRACT**

A palm-size foldable personal computing and communications assembly that comprises a first folding set and a second folding set. When folded, the front panel of the first folding set is a portable mobile telephone, and on the back panel in the expanded form is a display screen. The main components of a computer are installed in the segments to form a portable personal computer. The second folding set in expanded form is a membrane keyboard, and the membrane keyboard can be connected to the first folding set through an infrared transmitter. Jacks for external inputs and a battery are also provided. The battery is used to power the first and second folding sets. The present invention provides a convenient platform for personal users, which can perform multiple applications to satisfy their personal computing and wireless communications needs.